

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
CENTRAL FAX CENTER
JAN 10 2006

In re application of: Best et al.

Serial No.: 10/042,095

Filed: January 07, 2002

For: FDA Password Management
Tool§
§
§
§
§
§

Group Art Unit: 3621

Examiner: Worjloh, Jalatee

Attorney Docket No.: AUS920010598US1

35525

PATENT TRADEMARK OFFICE
CUSTOMER NUMBERCertificate of Transmission Under 37 C.F.R. § 1.8(a)I hereby certify this correspondence is being transmitted via
facsimile to the Commissioner for Patents, P.O. Box 1450,
Alexandria, VA 22313-1450, facsimile number (571) 273-8300
on January 10, 2006.

By:

Carrie Parker
Carrie ParkerTRANSMITTAL DOCUMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

ENCLOSED HEREWITH:

- Appeal Brief (37 C.F.R. 41.37)

A fee of \$500.00 is required for filing an Appeal Brief. Please charge this fee to IBM Corporation Deposit Account No. 09-0447. No additional fees are believed to be necessary. If, however, any additional fees are required, I authorize the Commissioner to charge these fees which may be required to IBM Corporation Deposit Account No. 09-0447. No extension of time is believed to be necessary. If, however, an extension of time is required, the extension is requested, and I authorize the Commissioner to charge any fees for this extension to IBM Corporation Deposit Account No. 09-0447.

Respectfully submitted,

Gerald H. Glanzman
Gerald H. Glanzman

Registration No. 25,035

Duke W. Yee

Registration No. 34,283

YEE & ASSOCIATES, P.C.

P.O. Box 802333

Dallas, Texas 75380

(972) 385-8777

ATTORNEYS FOR APPLICANTS

**Yee &
Associates, P.C.**

4100 Alpha Road
Suite 1100
Dallas, Texas 75244

Main No. (972) 385-8777
Facsimile (972) 385-7766

RECEIVED
CENTRAL FAX CENTER

JAN 10 2006

Facsimile Cover Sheet

To: Commissioner for Patents for Examiner Jalatee Worjloh Group Art Unit 3621	Facsimile No.: 571/273-8300
From: Carrie Parker Legal Assistant to Vicky Ash	No. of Pages Including Cover Sheet: 22
Message: Enclosed herewith: <ul style="list-style-type: none">• Transmittal Document; and• Appeal Brief.	
Re: Application No. 10/042,095 Attorney Docket No: AUS920010598US1	
Date: Tuesday, January 10, 2006	
Please contact us at (972) 385-8777 if you do not receive all pages indicated above or experience any difficulty in receiving this facsimile.	<i>This Facsimile is intended only for the use of the addressee and, if the addressee is a client or their agent, contains privileged and confidential information. If you are not the intended recipient of this facsimile, you have received this facsimile inadvertently and in error. Any review, dissemination, distribution, or copying is strictly prohibited. If you received this facsimile in error, please notify us by telephone and return the facsimile to us immediately.</i>

**PLEASE CONFIRM RECEIPT OF THIS TRANSMISSION BY
FAXING A CONFIRMATION TO 972-385-7766.**

*Received 12 pages
out of 22.
p-12 cut-off*

RECEIVED
CENTRAL FAX CENTER

JAN 10 2006

Docket No. AUS920010598US1

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Best et al.

Serial No. 10/042,095

Filed: January 7, 2002

For: PDA Password Management Tool

§
§
§
§
§
§
§
§
§
§

Group Art Unit: 3621

Examiner: Worjloh, Jalatee

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450Certificate of Transmission Under 37 C.F.R. 41.3(a)

I hereby certify this correspondence is being transmitted via facsimile to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, facsimile number (571) 273-8300 on January 10, 2006.

By:

Cassie Parker
Cassie Parker

APPEAL BRIEF (37 C.F.R. 41.37)

This brief is in furtherance of the Notice of Appeal, filed in this case on November 10, 2005.

The fees required under § 41.20(B)(2), and any required petition for extension of time for filing this brief and fees therefore, are dealt with in the accompanying TRANSMITTAL OF APPEAL BRIEF.

01/12/2006 EFLORES 00000006 090447 10042095

01 FC:1402 500.00 DA

(Appeal Brief Page 1 of 20)
Best et al. - 10/042,095

REAL PARTY IN INTEREST

The real party in interest in this appeal is the following party: International Business Machines Corporation.

RELATED APPEALS AND INTERFERENCES

With respect to other appeals or interferences that will directly affect, or be directly affected by, or have a bearing on the Board's decision in the pending appeal, there are no such appeals or interferences.

STATUS OF CLAIMS**A. TOTAL NUMBER OF CLAIMS IN APPLICATION**

Claims in the application are: 1-28

B. STATUS OF ALL THE CLAIMS IN APPLICATION

1. Claims canceled: 5, 8-13, 18, 21-26, and 28
2. Claims withdrawn from consideration but not canceled: NONE
3. Claims pending: 1-4, 6-7, 14-17, 19-20, and 27
4. Claims allowed: NONE
5. Claims rejected: 1-4, 6-7, 14-17, 19-20, and 27
6. Claims objected to: NONE

C. CLAIMS ON APPEAL

The claims on appeal are: 1-4, 6-7, 14-17, 19-20, and 27

STATUS OF AMENDMENTS

No amendments were made after the Final Office Action dated August 30, 2005.

SUMMARY OF CLAIMED SUBJECT MATTER

A. CLAIM 1 - INDEPENDENT

The subject matter of claim 1 is directed to a method for authenticating a user, comprising: presenting at least one authentication information field (616, 618) for accessing a terminal (112, 200, 300, 410) (see *Specification*, page 11, lines 18-22 and page 12, lines 14-20); receiving mobile input including authentication information (458, 500) from a mobile device (120, 450), wherein a keyboard device driver (424) on the terminal is configured to receive user input from a keyboard and to receive the mobile input from a mobile device interface (422), and wherein the mobile input is encrypted (see *Specification*, page 7, lines 24-31; and page 13, lines 17-28); converting the mobile input to keyboard input, wherein the keyboard device driver decrypts the mobile input (see *Specification*, page 14, lines 15-21 and page 15, lines 7-10); and entering the keyboard input into the at least one authentication information field (666, 668) to access the terminal (see *Specification*, page 13, line 17-28; and page 14, line 15 through page 15, line 10).

B. CLAIM 14 - INDEPENDENT

The subject matter of claim 14 is directed to a terminal authenticating a user, comprising: a display interface (416); a mobile device interface (422); and a controller (412), coupled to the display interface and the mobile interface, wherein the controller presents at least one authentication information field (616, 618) for accessing a terminal (112, 200, 300, 410) (see *Specification*, page 11, line 18 through page 12, line 20); receives mobile input including authentication information (458, 500) from a mobile device (120, 450), wherein a keyboard device driver (424) on the terminal is configured to receive user input from a keyboard and to receive the mobile input from a mobile device interface (422), and wherein the mobile input is encrypted (see *Specification*, page 7, lines 24-31; and page 13, lines 17-28); converts the mobile input to keyboard input, wherein the keyboard device driver decrypts the mobile input (see *Specification*, page 14, lines 15-21 and page 15, lines 7-10); and enters the keyboard input into the at least one authentication information field (666, 668) to access the terminal (see *Specification*, page 13, line 17-28; and page 14, line 15 through page 15, line 10).

C. CLAIM 27 - INDEPENDENT

The subject matter of claim 27 is directed to a computer program product in a computer readable medium for authenticating a user. The computer program product provides instructions for presenting at least one authentication information field (616, 618) for accessing a terminal (112, 200, 300, 410) (see *Specification*, page 11, lines 18-22 and page 12, lines 14-20). The computer program product provides instructions for receiving mobile input including authentication information (458, 500) from a mobile device (120, 450), wherein a keyboard device driver (424) on the terminal is configured to receive user input from a keyboard and to receive the mobile input from a mobile device interface (422), and wherein the mobile input is encrypted (see *Specification*, page 7, lines 24-31; and page 13, lines 17-28). The computer program product provides instructions for converting the mobile input to keyboard input, wherein the keyboard device driver decrypts the mobile input (see *Specification*, page 14, lines 15-21 and page 15, lines 7-10). The computer program product provides instructions for entering the keyboard input into the at least one authentication information field (666, 668) to access the terminal (see *Specification*, page 13, line 17-28; and page 14, line 15 through page 15, line 10).

D. CLAIM 16 - DEPENDENT

The subject matter of claim 16, which depends from claim 14, is directed to the terminal of claim 14, wherein the mobile device interface comprises an infrared interface (see *Specification*, page 13, line 29 through page 14, line 10).

GROUND OF REJECTION TO BE REVIEWED ON APPEAL**A. GROUND OF REJECTION 1 (Claims 1-4, 6-7, 14-15, 17, 19-20, and 27)**

The Final Office Action rejects claims 1-7, 14, 15, 17, 19, 20 and 27 under 103(a) as being allegedly unpatentable over *Shmueli et al.* (US Publication Number 2002/0147653) in view of *Chang et al.* (US Patent Number 6,101,562). Claim 5 has been previously canceled.

B. GROUND OF REJECTION 2 (Claim 16)

The Final Office Action rejects claim 16 under 103(a) as being allegedly unpatentable over *Shmueli et al.* (US Publication Number 2002/0147653).

ARGUMENT

A. GROUND OF REJECTION 1 (Claims 1-4, 6-7, 14-15, 17, 19-20, and 27)

The Final Office Action rejects claims 1-7, 14, 15, 17, 19, 20 and 27 under 103(a) as being allegedly unpatentable over *Shmueli et al.* (US Publication Number 2002/0147653), hereinafter referred to as *Shmueli*, in view of *Chang et al.* (US Patent Number 6,101,562), hereinafter referred to as *Chang*. Claim 5 has been previously canceled. This rejection is respectfully traversed.

A.1. Claims 1-4, 6-7, 14-15, 17, 19-20, and 27

As to independent claims 1, 14, and 27, the Final Office Action states:

Referring to claim 1, *Shmueli et al.* disclose presenting at least one authentication information field (i.e. user authentication interface) for accessing a resource (see paragraphs [0043] and [0035] – the authentication routine will provide a user authentication interface requiring a password, login information, or biometric indicia), receiving mobile input including authentication information from a mobile device (i.e. “the key” may be a PDA/mobile terminal, see paragraphs [0031]), (see paragraphs [0043], [0035] – the authentication routine, which is running on the host will receive the authentication indicia from the user), wherein the mobile input is encrypted (see paragraph [0043] – Once entered, the keylet will confirm or deny the user name and password entered by the user with information stored, and preferably encrypted, on the key), and decrypting the mobile input (see paragraph [0062] – the web servlet is configured to interact with the keylet to provide processing of the account information, and perhaps, decryption of the encrypted information.) *Shmueli et al.* do not expressly disclose the step wherein a keyboard device driver on the terminal is configured to receive user input from a keyboard and to receive the mobile input from a mobile device interface, converting the mobile input to keyboard input and entering the keyboard input into the at least one authentication information field to access the terminal. *Chang et al.* disclosed the step wherein a keyboard device driver on the terminal is configured to receive user input from a keyboard and to receive the mobile input from a mobile device interface, converting the mobile input to keyboard input and entering the keyboard input into the at least one field to access the terminal (see col. 1, lines 51-57). A field is a space allocated for particular information; notice in *Chang et al.*, “the PC treats those characters from the PDA device as the keyboard, and displays them on PC screen later for editing or storing”. The Examiner thereby interprets the screen/space as a field, which may display any type of information including “at least one authentication information”. At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to modify the method disclose by *Shmueli et al.* to include the step wherein a keyboard device driver on the terminal is configured to receive user input from a keyboard and to receive the mobile input from a mobile device interface, converting the

(Appeal Brief Page 9 of 20)
Best et al. – 10/042,095

mobile input to keyboard input and enterine the keyboard input into the at least one
PAGE 12/12 * RCVD AT 1/10/2006 2:55:47 PM [Eastern Standard Time] * SVR:USPTO-EFRRF-6/24 * DNIS:2738300 * CSID:972 385 7766 * DURATION (mm-ss):02:12